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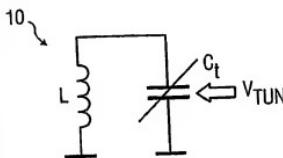
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(54) Title: TUNABLE TRACKING FILTER

(57) Abstract: An integrated tuner circuit (20) with an arbitrary IF output. The tuner includes an integrated circuit with a fixed-frequency control loop (30) and a matched external variable capacitance C_t , to achieve tracking of a tuned LC band-pass filter (10) with an arbitrary oscillator.